

06-16-03

GAU 2811

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 PTO/SB/21 (6-98)  
 Approved for use through 09/30/2000. OMB 0651-0031  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/007,300
	Filing Date	November 8, 2001
	First Named Inventor	Keiji Jono et al.
	Group Art Unit	2811
	Examiner Name	Thien F. Tran
Total Number of Pages in This Submission	Attorney Docket Number <b>KM1-003</b>	

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <b>See 1 in Addendum</b>
Remarks		Customer No. 021567

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	D. Brent Kenady; Reg. No. 40,045 Wells St. John P.S.
Signature	
Date	6-13-03

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as <b>first class</b> mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <b>June 13, 2003</b>	
Typed or printed name	Sent via EXPRESS MAIL, label no. EV 317133605 US
Signature	Date

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Express

Attachment to (PTO/SB/21) Transmittal Form (continued)

1. PTO Return Receipt Postcard  
Check no. 139262 for \$410.00  
Check no. 139268 for \$180.00  
Substitute Drawing Request w/1Red-line Drawing Sheet (Fig 3)  
and 1 Formal Drawing Sheet (Fig. 3)  
Duplicate copy of Supp. IDS/Form PTO-1449 filed 1/28/2003



#8  
6/27/03  
Mallish

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/007,300  
Filing Date .... November 8, 2001  
Inventor .... Keiji Jono et al.  
Assignee .... KMT Semiconductor, LTD and Micron Technology, Inc.  
Group Art Unit .... 2811  
Examiner .... T.F. Tran  
Attorney's Docket No. .... KM1-003  
TITLE: Trench-Isolated Transistors, Trench Isolation Structures, Memory Cells and  
DRAMS (As Amended)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attention: Official Draftsman


**SUBSTITUTE DRAWING REQUEST**

Enclosed is a Red-line drawing of Fig. 3 along with corrected formal drawing of Fig. 3.  
Please enter the enclosed substitute formal drawing in the above-referenced application  
in place of drawing originally filed.

Acknowledgment of receipt of the formal drawing and acceptance into the file is  
requested.

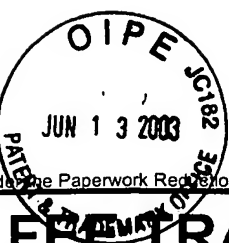
Respectfully submitted,

Date: 6-13-03

By:   
D. Brent Kenady  
Reg. No.: 40,045  
WELLS ST. JOHN P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828  
(509) 624-4276

Enclosures: 1 Red-line Drawing Sheet, Fig. 3 & 1 Formal Drawing Sheet,  
Fig. 3.

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# FEE TRANSMITTAL

## for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**590.00**

### Complete if Known

Application Number	10/007,300
Filing Date	November 8, 2001
First Named Inventor	Keiji Jono et al.
Examiner Name	Thien F. Tran
Art Unit	2811
Attorney Docket No.	KM1--003

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

23-0925

Wells St. John P.S.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	740	2001	370	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) - 0 -

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims **37** - 37 = **0** x **0** = **0**  
Independent Claims **6** - 6 = **0** x **0** = **0**  
Multiple Dependent **0** = **0**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) - 0 -

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	400	2252	200	Extension for reply within second month	410.00
1253	920	2253	460	Extension for reply within third month	
1254	1,440	2254	720	Extension for reply within fourth month	
1255	1,960	2255	980	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,280	2453	640	Petition to revive - unintentional	
1501	1,280	2501	640	Utility issue fee (or reissue)	
1502	460	2502	230	Design issue fee	
1503	620	2503	310	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Supplemental Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	740	2809	370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**590.00**

### SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	D. Brent Kenady	Registration No. (Attorney/Agent)	40,045	Telephone	(509) 624-4276
Signature		Date	6-13-03		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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